



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 5267

SERIAL NUMBER 10/618,654	FILING DATE 07/15/2003  RULE	CLASS 707	GROUP ART UNIT 2162	ATTORNEY DOCKET NO. H-720-03
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------

## APPLICANTS

Atsushi Ishikawa, Minamiashigara-shi, JAPAN;

Yoshiko Matsumoto, Minamiashigara-shi, JAPAN;  
Kenichi Takamoto, Odawara-shi, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a CON of 10/090,843 03/06/2002 PAT 6,611,851  
 which is a CON of 09/236,443 01/25/1999 PAT 6,374,269

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 10-012457 01/26/1998

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/14/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature: <u>[Signature]</u> Initials: <u>      </u>	STATE OR COUNTRY JAPAN	SHEETS DRAWING 6	TOTAL CLAIMS 29	INDEPENDENT CLAIMS 1
--	--	------------------------------	------------------------	-----------------------	----------------------------

## ADDRESS

MATTINGLY, STANGER & MALUR, P.C.  
 Suite 370  
 1800 Diagonal Road  
 Alexandria, VA  
 22314

## TITLE

Storage sub-system having expanded data read

## FILING FEE

FEES: Authority has been given in Paper  
 No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT

<input type="checkbox"/> All Fees
<input type="checkbox"/> 1.16 Fees ( Filing )
<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )